Work Order II November-24-11 12:4		XX	*769	958*							Page
Item ID: D345 Revision ID: Item Name: Space	V	,	Accept	*N900	<b>040</b>	100	)*	Setup	Start Stop	I VI	S1* S2*
Start Date: 24/11 Required Date: 01/12 Reference:		<i>,</i> –		Cust Item II Customer:	D:						
	ess Plan: M.L.J	• •	Tooling: SPC (Y/N):		te:	<del>-</del> 		Run	Start Stop		R1* R2*
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accep Qty	t Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr			·····							<u> </u>
D3455	Rev A										
*100 *100* Hardinge Hardinge CNC Lathe Small	REV:	SMALL SPER FOLIO FA584 & DWODWG REV: 2-0 a	0.00 0.00 G D3455 ,FOLIO DEBURR AS REQUIR	TO 1/12,	106		28				
*110 *110* QC Quality Control	QC2- Inspect parts off	machine FAI/FAIB	0.00	a/12/01	6		28	<b>/</b>			
120. <b>*120*</b> QC Quality Control	QC8- Inspect parts - sec Memo	cond check	0.00	11/12/6	3	ć	28	- -			

	. Johaco .												
W/O:			WC	RK ORDER CHANG	ES								
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No <b>DQ</b>	A:	Date:					
	Res	solution:	Disposition	n:	_ QA: N/C Ck	sed:		Date: _					
NCR:				ER NON-CONFORMA	NCE (NCR	)							
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section  Action Description  Chief Eng	on B Sign & Date	& Section C						Approval Chief Eng	Approval QC Inspector
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Work Ord November-24-1			;	*769	958*					Page 2
Item ID: Revision ID: Item Name:	D3455-3 Spacer			Accept	*N9000	<u>04010</u>	)O*	Setup Sta	1/1	S1* S2*
Start Date: Required Date: Reference:	24/11/2011 : 01/12/2011	Start Qty: 24.00 Req'd Qty: 24.00	*24* *24*		Cust Item II Customer:	<b>)</b> :			I	<b>.</b> 7
Approvals:		in:	Date:		Dat	te:		Run Sta	<b>"I\</b>	R1* R2*
Sequence ID/ Work Center I 130 *120* Small Fab Small Fab	D	Operation Description  Small Fab  Memo Deburr if nec	essary.	Set Up/ Run Hours 0.00	Tool ID	Tool # Pla	-	Reject Qty	Reject Number	Insp. Stamp
*140 *140* QC Quality Control		QC5- Inspect part comple	teness to step on W/O	0.00 S u	lidos		Confee 42			· <del></del>
			12C1							

150

Identify as per dwg & Stock Location.

0.00

\*150\* Packaging

Memo

0.00

Packaging

Dart Aerospace I	Ltd
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W/O:			WO	RK ORDER CHAN	GES				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Da	ate Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #:	Fault Categ	ory:	NCR: Ye	es No	DQA:	Date: _	
	Res	solution:	Disposition	:	QA: N/C	Close	d:	Date: _	<del></del>
NCR:			WORK ORDE	R NON-CONFORM	IANCE (N	CR)			
DATE	OTED	Description of NC Corrective Action			ection B		/erification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		n &	Section C	Chief Eng	QC Inspector
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	Work Order ID 76958  November-24-11 12:45:21 PM		*76958*									Page 3
Item ID: Revision ID: Item Name:	D3455-3 Spacer			Accept	*N900	<b>040</b>	100³	<b>k</b> 9	Setup	Start Stop		S1* S2*
Start Date: Required Date: Reference:	24/11/2011 01/12/2011	Start Qty: 24.00 Req'd Qty: 24.00	*24* *24*		Cust Item I Customer:	D:					IV.	.7/
Approvals:	Process Pla	n:	Date:	Tooling: SPC (Y/N):		ate: ate:		F	Run	Start Stop	*N  *N	R1* R2*
Sequence ID/ Work Center II	<b>D</b>	Operation Description		Set Up/ Run Hours	Tool ID	Tool #		ccept Ity	Rejo Qty		Reject Number	Insp.
*160 *160*		QC21- Final Inspection -	Work Order Release	0.00			_			//	1/12/	h *

Quality Control

W/O:			W	ORK ORDER CHAN	GES	1.37				
DATE	STEP	PR	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	gory:	NCR:	Yes 1	No DQA	۸:	_ Date: _	
	Res	solution:	Disposition	on:	QA: 1	VC Clo	sed:		Date:	
NCR:			WORK ORD	ER NON-CONFORM	IANCE (	(NCR)	)			
		Description of NC Corrective Action			ection B		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	1	Sign & Date	Section		Chief Eng	QC Inspector

**Picklist Print** 

November-24-11 12:45:25 PM

Work Order ID: 76958

\*76958\*

Parent Item:

D3455-3

\*D3455-3\*

Parent Item Name: Spacer

**Start Date: 24/11/2011** 

Required Date: 01/12/2011

**Start Qty: 24.00** 

Required Qty: 24.00

**Comments:** 

IPP REV. A

05.11.17

**NEW ISSUE** 

EC

Component	Item	ID/
Item Name		

Replacement Mfg/ Item ID **Purch** 

Bin Primary Item Location

Last Location Route Seq ID

Unit of Measure Hand

f

Qty on

Qty per Kit Total Qty

Qty Issued

Date Status Issued

MDELRINR1.000

Purchased

No

100

67.9995

\*\*

0.022

0.555789

\*MDFI RINR1 000\*

Delrin Round Bar 1"

Location MAT055

117985 118392

119306

67.9995 0.407 9.102 10.4905 48

Loc Qty

Loc Code

₹.8 ₽ 1/12/06

Page 1

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W/O:			W	ORK ORDER CHANG	GES				<del></del>	
DATE	STEP	PR	OCEDURE CHA	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	egory:	NCF	R: Yes I	No <b>DQ</b>	<b>A</b> :	Date: _	
	Res	olution:	Disposition	on:	QA:	N/C Clo	sed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORM	IANCE	(NCR	)			
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
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DART AEROSPACE LTD	Work Order:	76958
Description: Spacer	Part Number:	D3455-3
Inspection Dwg: D3455 Rev: A		Page 1 of 1

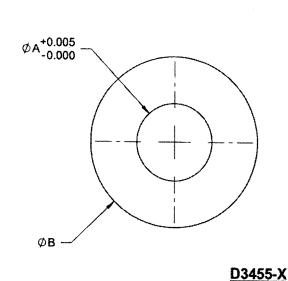
	FIRST ARTICLE INSPECTION CHECKLIST									
		X First Arti	cle	Prot	otype					
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection		mments			
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Measured by:	90	Audited by:	17		Prototype	Approval:	N/A			
Date:	11/12/06	Date:	11/12	16		Date:	N/A			
Rev Date	Change					Revised by	Approved			
A 06.07.11	New Issue	***				Revised by	Approved			

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #:	Fault Cate	gory:	_ NCR: Ye	s No DO	QA:	Date: _	
	R	esolution:	Dispositio	n:	_ QA: N/C	Closed: _		Date: _	
NCR:		V	VORK ORD	ER NON-CONFORMA	NCE (NC	R)			
DATE	STEP	Description of NC	Initial	Corrective Action Section Action Description	on B		fication ction C	Approval Chief Eng	Approval QC inspector
		Section A	Chief Eng	Chief Eng	Da	e		Criter Eng	QC Inspector
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DESIGN RF		DRAWN BY	1	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECK	#H	APPROVED	DRAWING NO. D3455	REV. A SHEET 1 OF 1		
05.09.02			TITLE SPACER	SCALE 2:1		
Α	0	5.09.02	NEW ISSUE			

RELEASED 05.12.09



**ENGINEERING** UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER M.L.5 11/11/24

SHOP COPY RETURN TO

1) SPECIFICATION: D3455-X SPACER

DASH No.

WHERE 'X' IS THE SIZE PER THE FOLLOWING TABLE:

DASH No.	A (in)	B (in)	C (in)
-1	0.453	1.00	0.065
-3	0.386	1.00	0.050

### NOTES:

- 1) MATERIAL: DELRIN ROUND BAR (REF. DART SPEC. M-DELRIN-R)
  2) FINISH: NONE
  3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
  4) ALL DIMENSIONS ARE IN INCHES
  5) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.010

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Dart Aerospace Ltd	t
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W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No:		PAR #:			NCR: Ye	s No D	QA:	Date: _	
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NCR:			WORK ORD	ER NON-CONFORMA	NCE (NO	CR)	<u>.</u>		
DATE S	CTED	TEP Description of NC Section A	Corrective Action Section B			Verification		Approval	Approval
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